

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|-------------|---------------------------------|------------------|
| 1 | 468 | 544/207 | USPAT; US-PGPUB; EPO; JPO | 2003/05/31 19:19 |
| 2 | 218 | 504/230 | USPAT; US-PGPUB; EPO; JPO | 2003/05/31 19:19 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|-------------|---------------------------------|------------------|
| 1 | 468 | 544/207 | USPAT; US-PGPUB; EPO; JPO | 2003/05/31 19:19 |
| 2 | 218 | 504/230 | USPAT; US-PGPUB; EPO; JPO | 2003/05/31 19:30 |
| 3 | 1016 | 544/212 | USPAT; US-PGPUB; EPO; JPO | 2003/05/31 19:31 |

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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|------|----|--------|-----------------------------------------------------------------------------------------------|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | Apr 08 | "Ask CAS" for self-help around the clock |
| NEWS | 3 | Jun 03 | New e-mail delivery for search results now available |
| NEWS | 4 | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN |
| NEWS | 5 | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN |
| NEWS | 6 | Aug 26 | Sequence searching in REGISTRY enhanced |
| NEWS | 7 | Sep 03 | JAPIO has been reloaded and enhanced |
| NEWS | 8 | Sep 16 | Experimental properties added to the REGISTRY file |
| NEWS | 9 | Sep 16 | CA Section Thesaurus available in CAPLUS and CA |
| NEWS | 10 | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985 |
| NEWS | 11 | Oct 24 | BEILSTEIN adds new search fields |
| NEWS | 12 | Oct 24 | Nutraceuticals International (NUTRACEUT) now available on STN |
| NEWS | 13 | Nov 18 | DKILIT has been renamed APOLLIT |
| NEWS | 14 | Nov 25 | More calculated properties added to REGISTRY |
| NEWS | 15 | Dec 04 | CSA files on STN |
| NEWS | 16 | Dec 17 | PCTFULL now covers WP/PCT Applications from 1978 to date |
| NEWS | 17 | Dec 17 | TOXCENTER enhanced with additional content |
| NEWS | 18 | Dec 17 | Adis Clinical Trials Insight now available on STN |
| NEWS | 19 | Jan 29 | Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC |
| NEWS | 20 | Feb 13 | CANCERLIT is no longer being updated |
| NEWS | 21 | Feb 24 | METADEx enhancements |
| NEWS | 22 | Feb 24 | PCTGEN now available on STN |
| NEWS | 23 | Feb 24 | TEMA now available on STN |
| NEWS | 24 | Feb 26 | NTIS now allows simultaneous left and right truncation |
| NEWS | 25 | Feb 26 | PCTFULL now contains images |
| NEWS | 26 | Mar 04 | SDI PACKAGE for monthly delivery of multifile SDI results |
| NEWS | 27 | Mar 20 | EVENTLINE will be removed from STN |
| NEWS | 28 | Mar 24 | PATDPAFULL now available on STN |
| NEWS | 29 | Mar 24 | Additional information for trade-named substances without structures available in REGISTRY |
| NEWS | 30 | Apr 11 | Display formats in DGENE enhanced |
| NEWS | 31 | Apr 14 | MEDLINE Reload |
| NEWS | 32 | Apr 17 | Polymer searching in REGISTRY enhanced |
| NEWS | 33 | Apr 21 | Indexing from 1947 to 1956 being added to records in CA/CAPLUS |
| NEWS | 34 | Apr 21 | New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX |
| NEWS | 35 | Apr 28 | RDISCLOSURE now available on STN |
| NEWS | 36 | May 05 | Pharmacokinetic information and systematic chemical names added to PHAR |
| NEWS | 37 | May 15 | MEDLINE file segment of TOXCENTER reloaded |
| NEWS | 38 | May 15 | Supporter information for ENCOMPAT and ENCOMPLIT updated |
| NEWS | 39 | May 16 | CHEMREACT will be removed from STN |
| NEWS | 40 | May 19 | Simultaneous left and right truncation added to WSCA |
| NEWS | 41 | May 19 | RAPRA enhanced with new search field, simultaneous left and right truncation |

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NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:05:16 ON 19 MAY 2003

| | | |
|----------------------|------------|---------|
| => file reg | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 13:05:22 ON 19 MAY 2003
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 MAY 2003 HIGHEST RN 517140-86-2
DICTIONARY FILE UPDATES: 18 MAY 2003 HIGHEST RN 517140-86-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

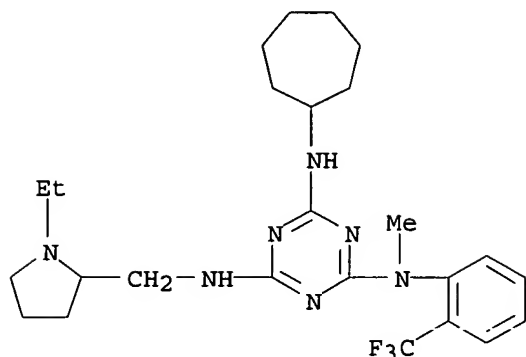
=>
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L1 STRUCTURE UPLOADED

10/031,645-3

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MF C25 H36 F3 N7



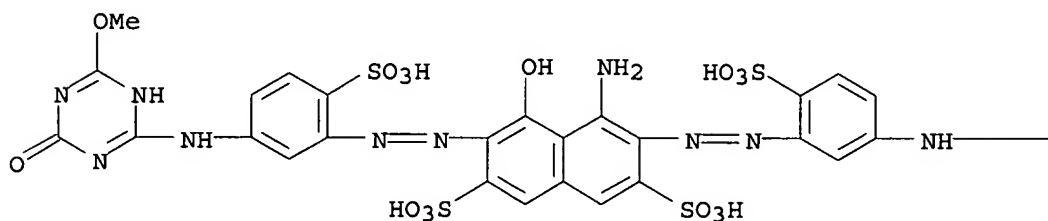
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L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

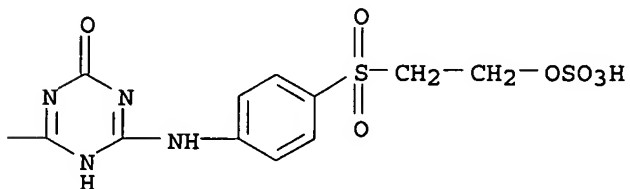
IN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[(1,4-dihydro-6-methoxy-4-oxo-1,3,5-triazin-2-yl)amino]-2-sulfophenyl]azo]-3-[[5-[[1,4-dihydro-4-oxo-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy- (9CI)

MF C37 H32 N14 O22 S6

PAGE 1-A



PAGE 1-B



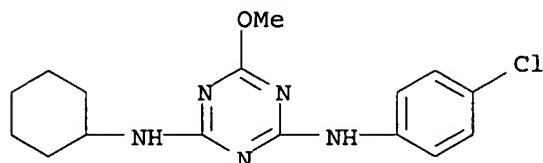
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L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

10/031,645

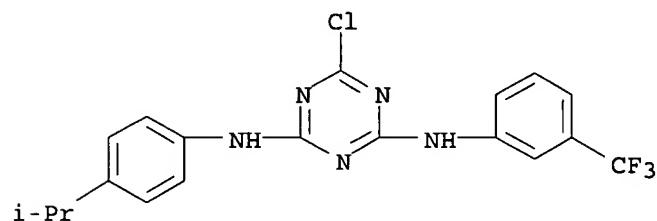
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IN 1,3,5-Triazine-2,4-diamine, N-(4-chlorophenyl)-N'-cyclohexyl-6-methoxy-
(9CI)
MF C16 H20 Cl N5 O



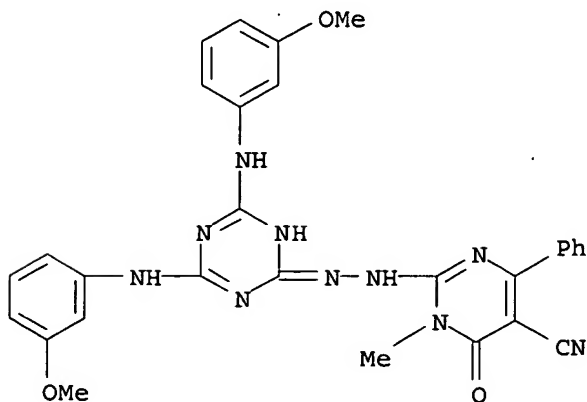
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,3,5-Triazine-2,4-diamine, 6-chloro-N-[4-(1-methylethyl)phenyl]-N'-[3-(trifluoromethyl)phenyl]- (9CI)
MF C19 H17 Cl F3 N5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

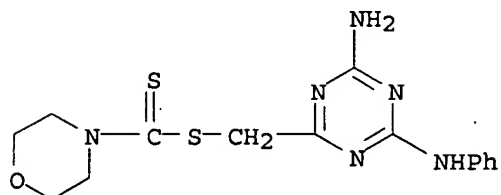
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 5-Pyrimidinecarbonitrile, 2-[2-[4,6-bis[(3-methoxyphenyl)amino]-1,3,5-triazin-2-yl]hydrazino]-1,6-dihydro-1-methyl-6-oxo-4-phenyl- (9CI)
MF C29 H26 N10 O3



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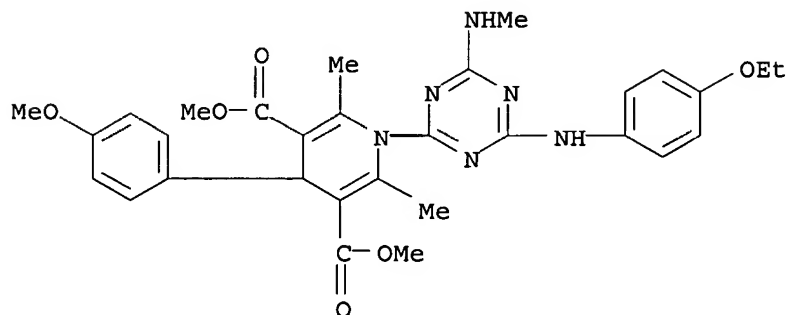
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 4-Morpholinecarbodithioic acid, [4-amino-6-(phenylamino)-1,3,5-triazin-2-yl]methyl ester (9CI)
MF C15 H18 N6 O S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

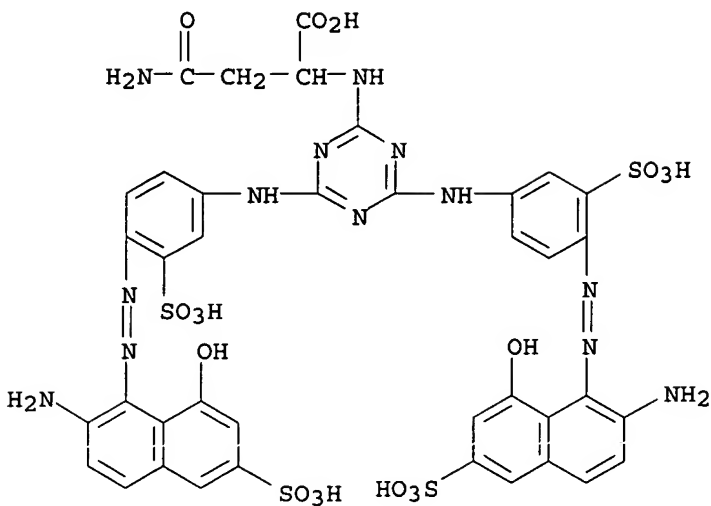
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 3,5-Pyridinedicarboxylic acid, 1-[4-[(4-ethoxyphenyl)amino]-6-(methylamino)-1,3,5-triazin-2-yl]-1,4-dihydro-4-(4-methoxyphenyl)-2,6-dimethyl-, dimethyl ester (9CI)
MF C30 H34 N6 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

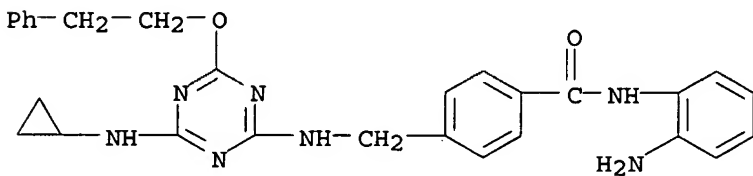
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Butanoic acid, 4-amino-2-[[[4,6-bis[[4-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-3-sulphophenyl]amino]-1,3,5-triazin-2-yl]amino]-4-oxo- (9CI)
MF C39 H33 N13 O17 S4

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****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

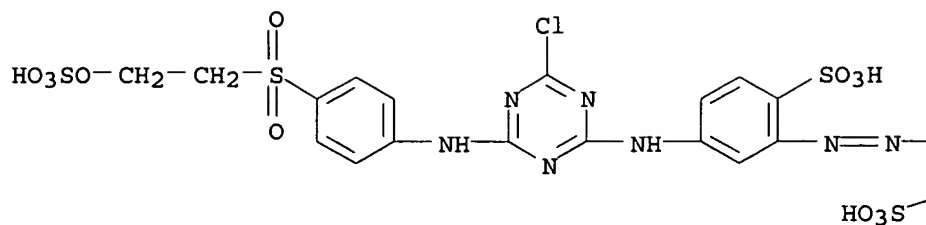
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzamide, N-(2-aminophenyl)-4-[[[4-(cyclopropylamino)-6-(2-phenylethoxy)-
1,3,5-triazin-2-yl]amino]methyl]- (9CI)
MF C28 H29 N7 O2



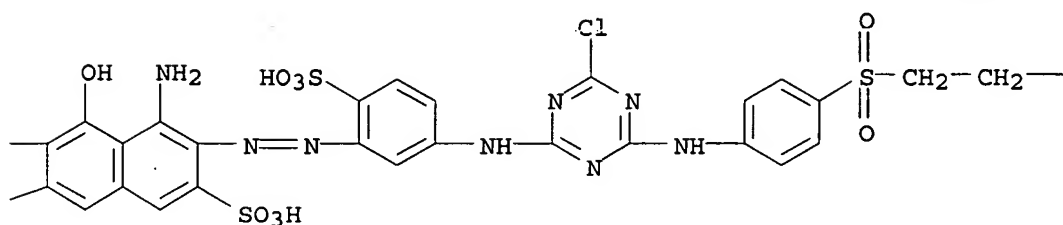
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy- (9CI)
MF C44 H37 Cl2 N15 O25 S8

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PAGE 1-B

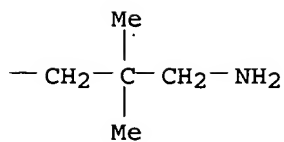
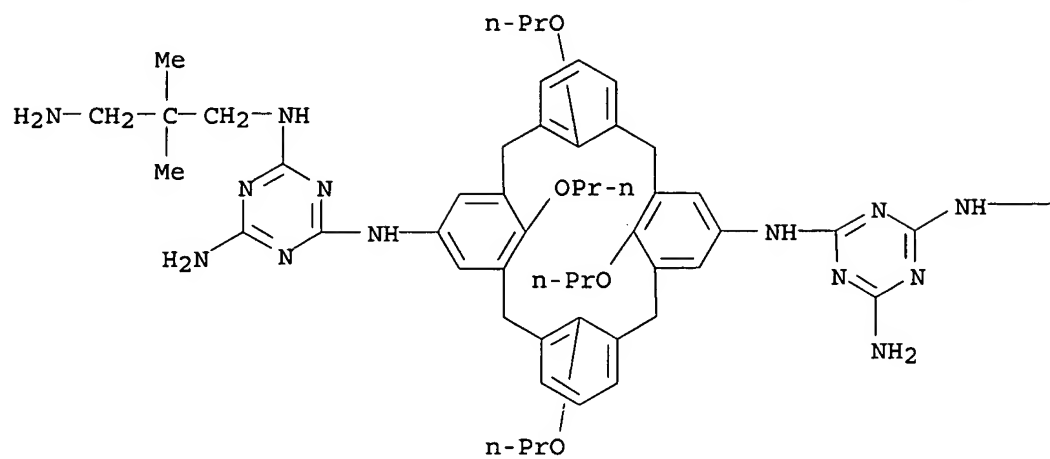


PAGE 1-C

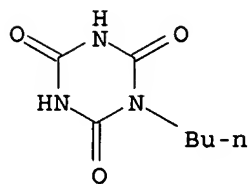
—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzeneacetic acid, .alpha.-ethyl-, (.alpha.R)-, compd. with
 1-butyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione and N,N'''-(25,26,27,28-
 tetrapropoxypentacyclo[19.3.1.13,7.19,13.115,19]octacosa-
 1(25),3,5,7(28),9,11,13(27),15,17,19(26),21,23-dodecaene-5,17-diyl)bis[N'-
 (3-amino-2,2-dimethylpropyl)-1,3,5-triazine-2,4,6-triamine] (2:2:1) (9CI)
 MF C56 H78 N14 O4 . 2 C10 H12 O2 . 2 C7 H11 N3 O3
 CM 1

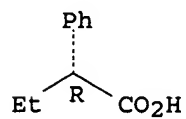


CM 2



CM 3

Absolute stereochemistry. Rotation (-).



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L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

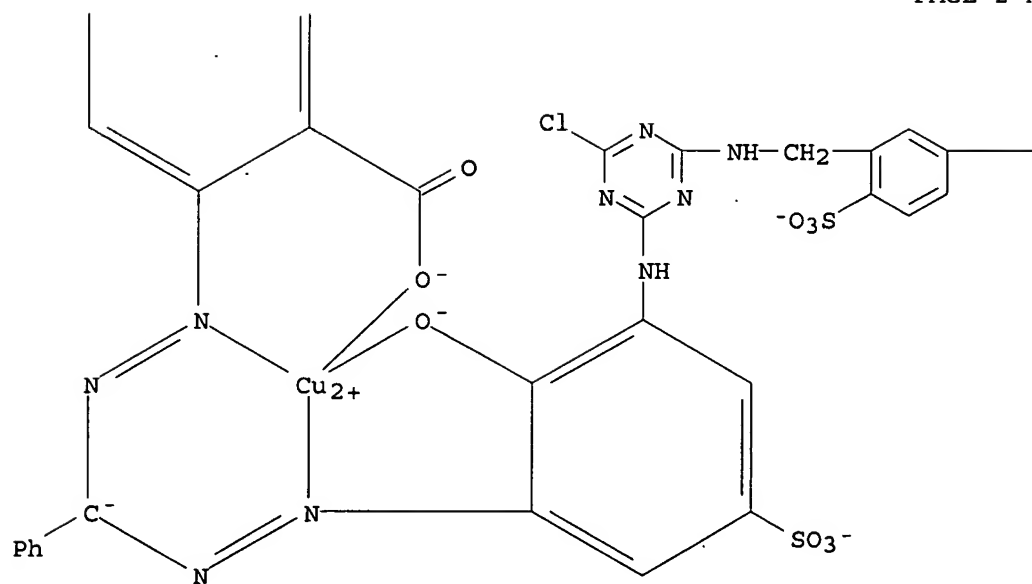
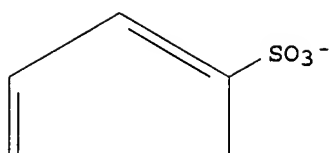
IN Cuprate(7-), [.mu.-[2-[[[3-[4-[3-[4-[3-[[[2-(carboxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-2-(hydroxy-.kappa.O)-5-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]methyl]-4-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(11-)-.kappa.O]]di-, pentasodium dihydrogen (9CI)

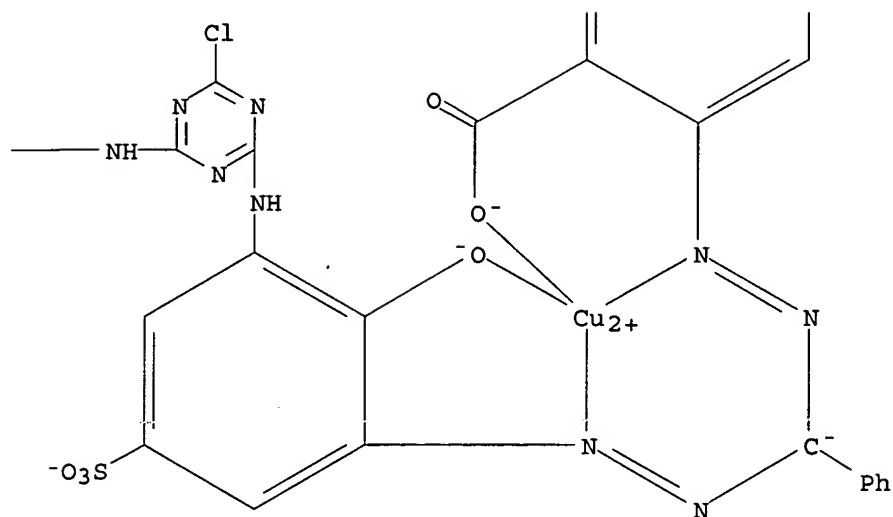
MF C53 H29 Cl2 Cu2 N18 O21 S5 . 2 H . 5 Na

CI CCS

PAGE 1-A



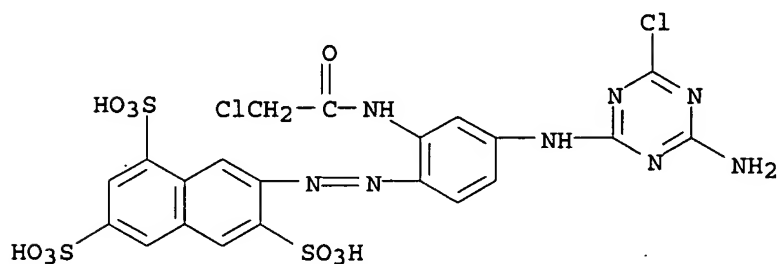




● 2 H⁺

● 5 Na⁺

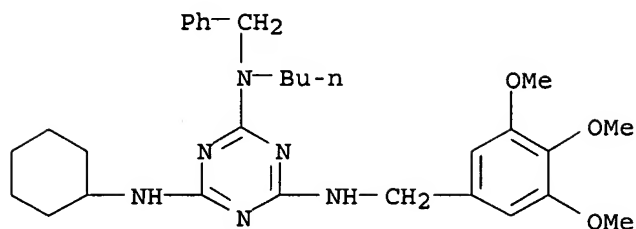
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,6-Naphthalenetrisulfonic acid, 7-[[4-[[4-amino-6-chloro-1,3,5-triazin-2-yl]amino]-2-[(chloroacetyl)amino]phenyl]azo] - (9CI)
 MF C21 H16 Cl2 N8 O10 S3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4,6-triamine, N-butyl-N'-cyclohexyl-N-(phenylmethyl)-N''-[(3,4,5-trimethoxyphenyl)methyl] - (9CI)
 MF C30 H42 N6 O3

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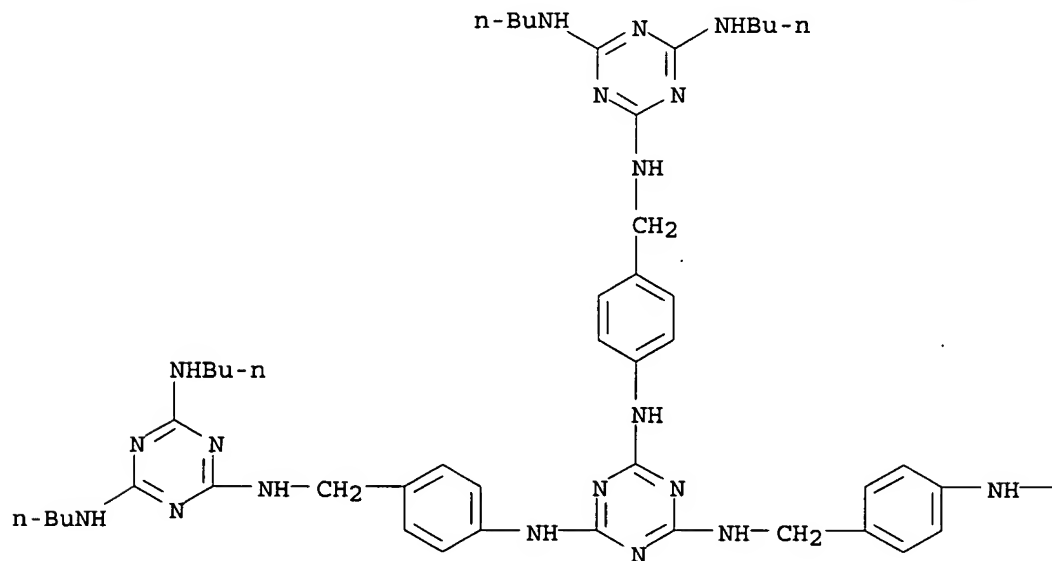
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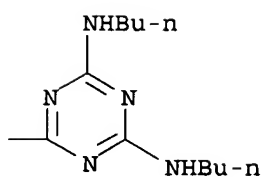
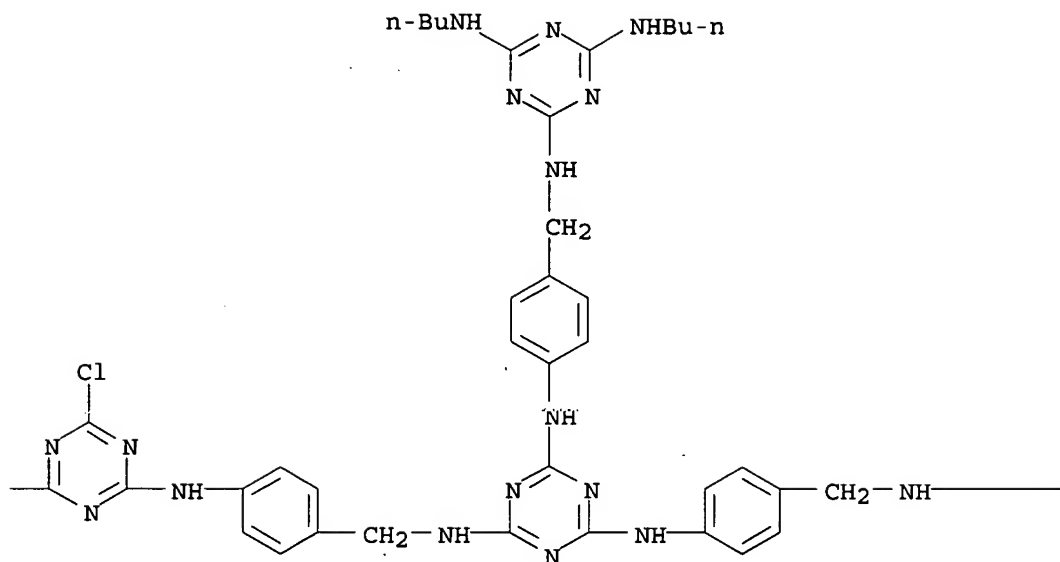
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,3,5-Triazine-2,4,6-triamine, N,N'''-[(6-chloro-1,3,5-triazine-2,4-diyl)bis(imino-4,1-phenylenemethylene)]bis[N',N''-bis[4-[[[4,6-bis(butylamino)-1,3,5-triazin-2-yl]amino]methyl]phenyl]]- (9CI)

MF C95 H128 Cl N41

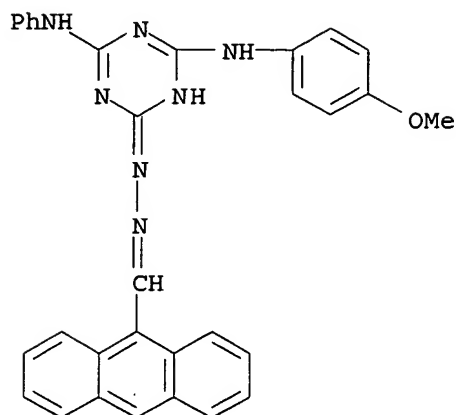
PAGE 1-A





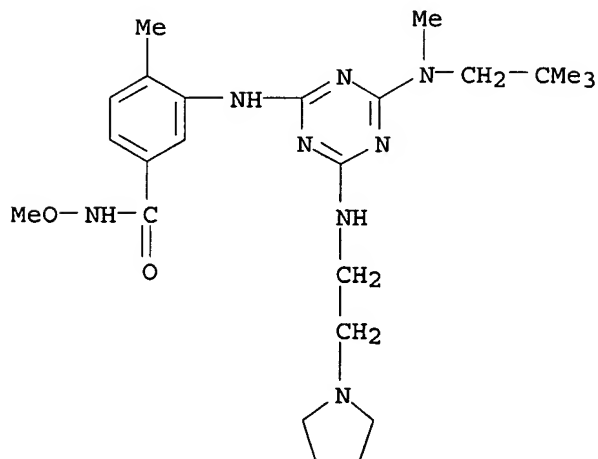
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 9-Anthracenecarboxaldehyde, [4-[(4-methoxyphenyl)amino]-6-(phenylamino)-
 1,3,5-triazin-2-yl]hydrazone (9CI)
 MF C31 H25 N7 O

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

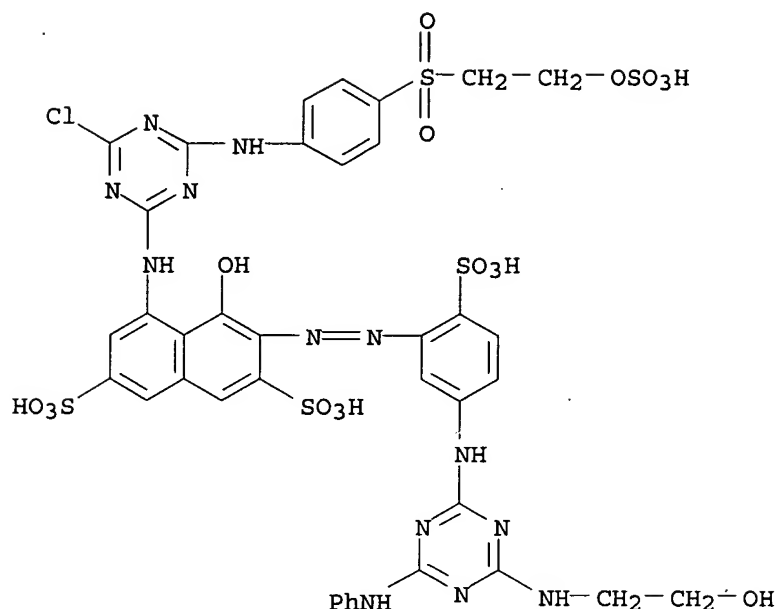
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzamide, 3-[[4-[(2,2-dimethylpropyl)methylamino]-6-[[2-(1-pyrrolidinyl)ethyl]amino]-1,3,5-triazin-2-yl]amino]-N-methoxy-4-methyl-
 (9CI)
 MF C24 H38 N8 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

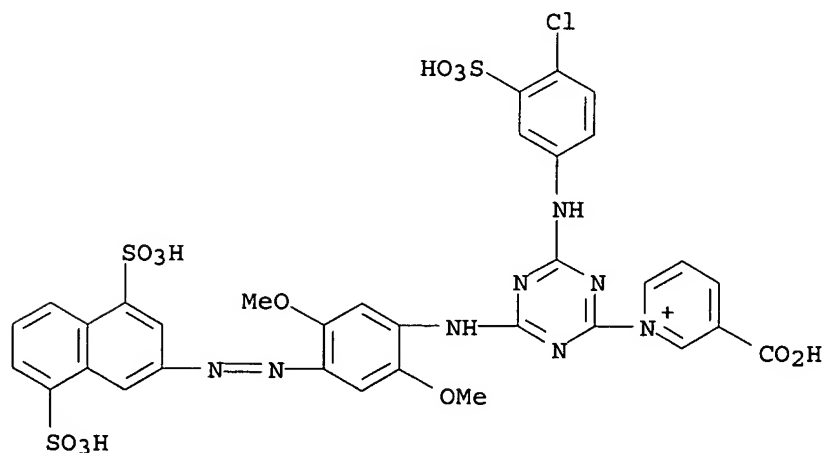
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,7-Naphthalenedisulfonic acid, 5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-
 3-[[5-[[4-[(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]- (9CI)
 MF C38 H34 Cl N13 O17 S5

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

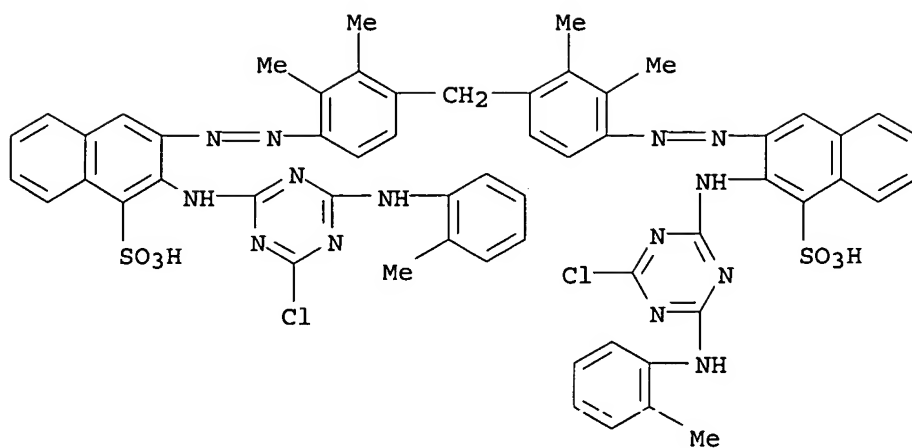
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Pyridinium, 3-carboxy-1-[4-[(4-chloro-3-sulfonylphenyl)amino]-6-[[4-[(4,8-disulfo-2-naphthalenyl)azo]-2,5-dimethoxyphenyl]amino]-1,3,5-triazin-2-yl]-
 (9CI)
 MF C33 H26 Cl N8 O13 S3



L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1-Naphthalenesulfonic acid, 3,3'-[methylenebis[(2,3-dimethyl-4,1-phenylene)azo]]bis[2-[[4-chloro-6-[(2-methylphenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
 MF C57 H48 Cl2 N14 O6 S2 . 2 Na

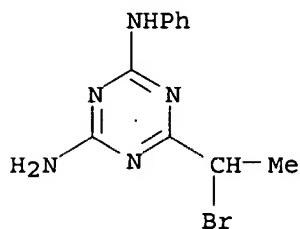
10/031,645

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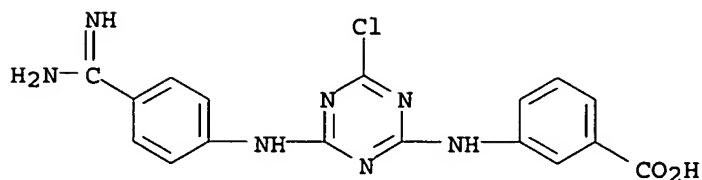
● 2 Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, 6-(1-bromoethyl)-N-phenyl- (9CI)
 MF C11 H12 Br N5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

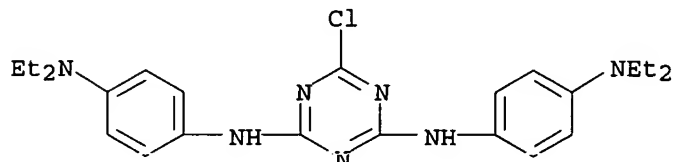
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzoic acid, 3-[[4-[[4-(aminoiminomethyl)phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C17 H14 Cl N7 O2



10/031,645

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,3,5-Triazine-2,4-diamine, 6-chloro-N,N'-bis[4-(diethylamino)phenyl]-
(9CI)
MF C23 H30 Cl N7



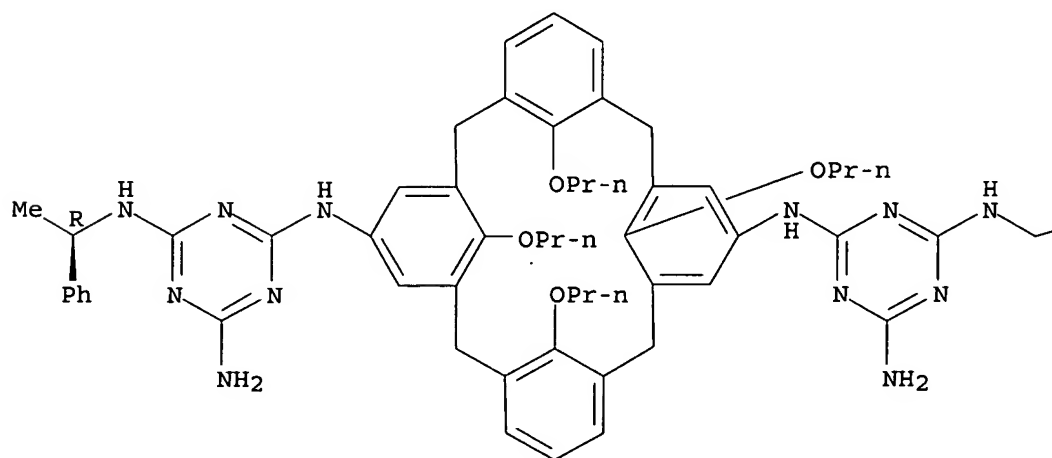
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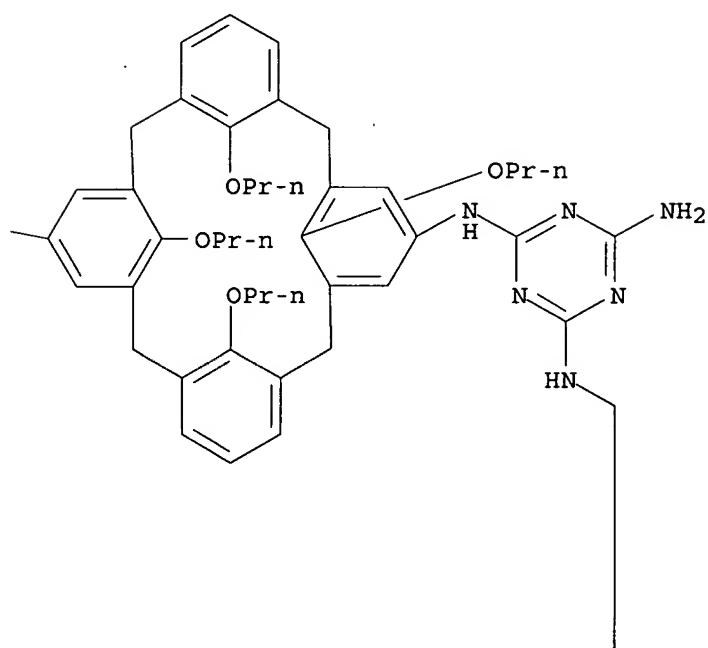
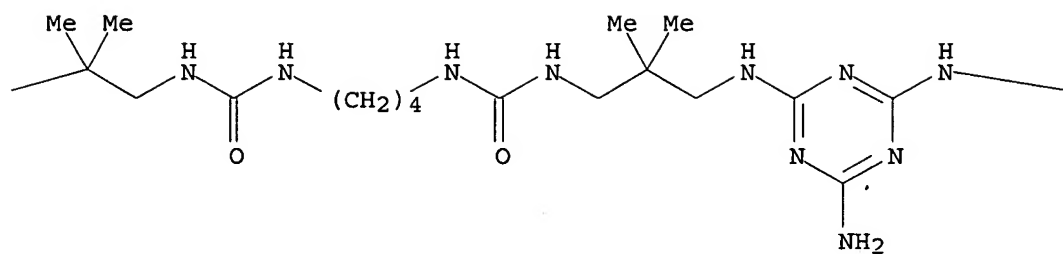
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Urea, N,N' '- [(25,26,27,28-tetrapropoxypentacyclo[19.3.1.13,7.19,13.115,19]octacosa-1(25),3,5,7(28),9,11,13(27),15,17,19(26),21,23-dodecaene-5,17-diyl)bis[imino(6-amino-1,3,5-triazine-4,2-diyl)imino(2,2-dimethyl-3,1-propanediyl)]]bis[N' - [4-[[[3-[[4-amino-6-[[17-[[4-amino-6-[[[(1R)-1-phenylethyl]amino]-1,3,5-triazin-2-yl]amino]-25,26,27,28-tetrapropoxypentacyclo[19.3.1.13,7.19,13.115,19]octacosa-1(25),3,5,7(28),9,11,13(27),15,17,19(26),21,23-dodecaen-5-yl]amino]-1,3,5-triazin-2-yl]amino]-2,2-dimethylpropyl]amino]carbonyl]amino]butyl]-, compd. with 5,5-diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione (1:6) (9CI)
MF C186 H244 N44 O16 . 6 C8 H12 N2 O3

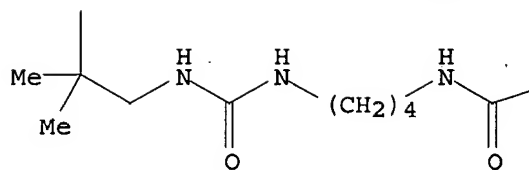
CM 1

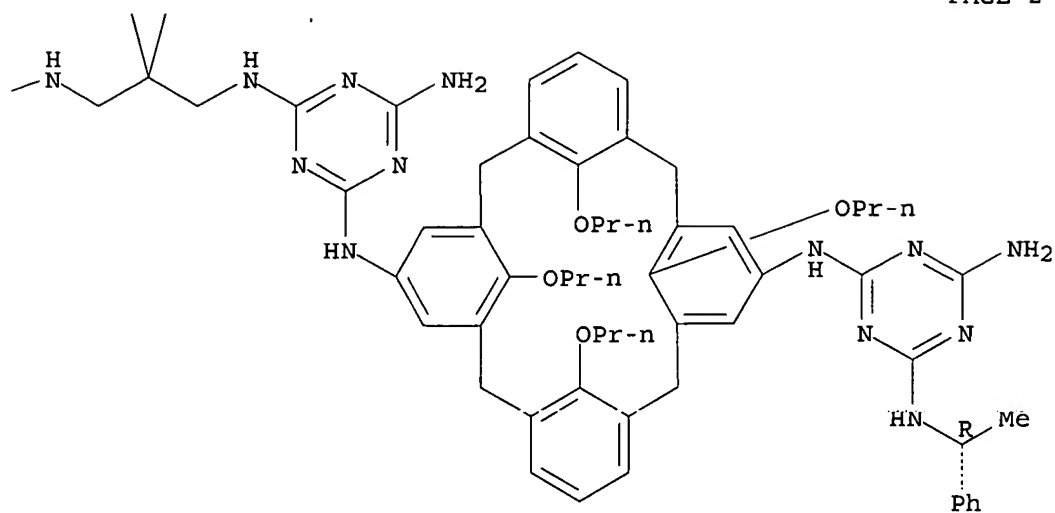
Absolute stereochemistry.

PAGE 1-A

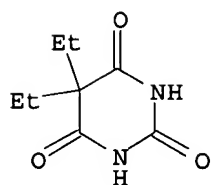




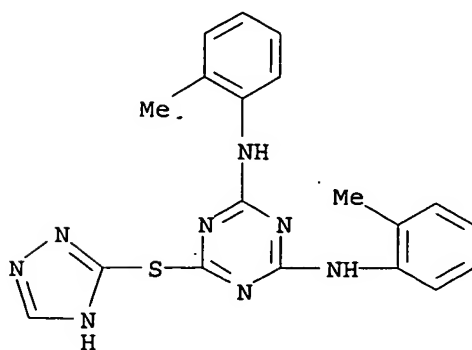




CM 2



L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N,N'-bis(2-methylphenyl)-6-(1H-1,2,4-triazol-3-ylthio)- (9CI)
 MF C19 H18 N8 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

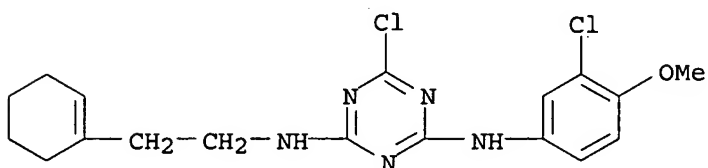
10/031,645

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L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,3,5-Triazine-2,4-diamine, 6-chloro-N-(3-chloro-4-methoxyphenyl)-N'-[2-(1-cyclohexen-1-yl)ethyl]- (9CI)

MF C18 H21 Cl2 N5 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

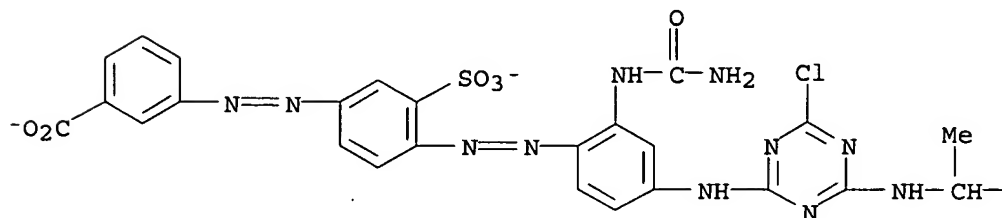
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

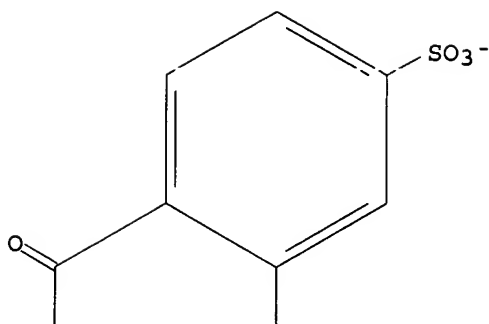
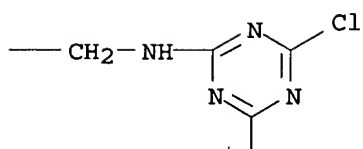
IN Cuprate(5-), [2-[[[3-[[4-[[2-[[4-[[3-[(aminocarbonyl)amino]-4-[[4-[(3-carboxyphenyl)azo]-2-sulfophenyl]azo]phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]propyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(7-)-.kappa.O]-, pentahydrogen (9CI)

MF C49 H33 Cl2 Cu N20 O15 S3 . 5 H

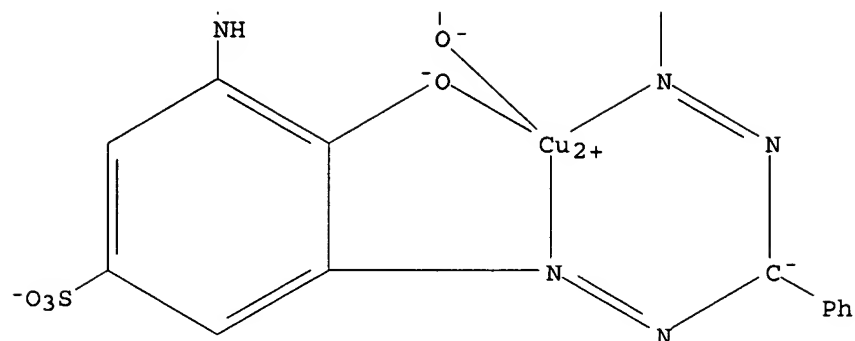
CI CCS

PAGE 1-A

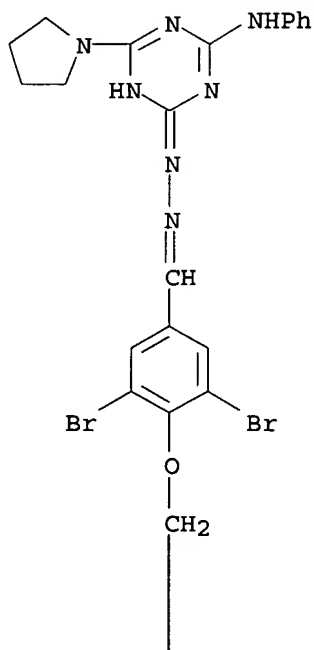


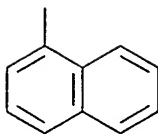


● 5 H^+



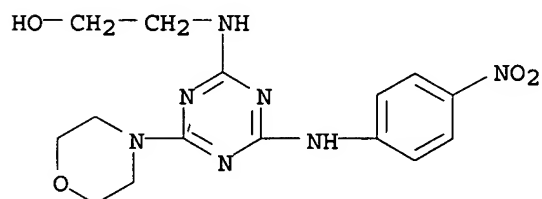
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzaldehyde, 3,5-dibromo-4-(1-naphthalenylmethoxy)-, [4-(phenylamino)-6-(1-pyrrolidinyl)-1,3,5-triazin-2-yl]hydrazone (9CI)
 MF C31 H27 Br2 N7 O





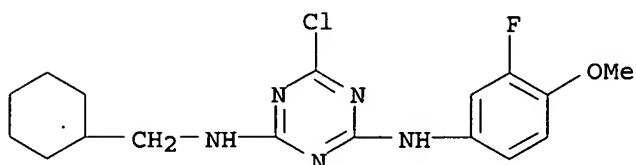
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Ethanol, 2-[[4-(4-morpholinyl)-6-[(4-nitrophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C15 H19 N7 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

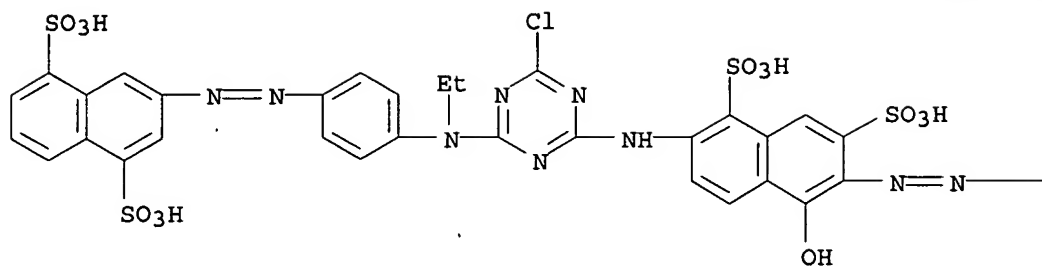
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, 6-chloro-N-(cyclohexylmethyl)-N'-(3-fluoro-4-methoxyphenyl)- (9CI)
 MF C17 H21 Cl F N5 O



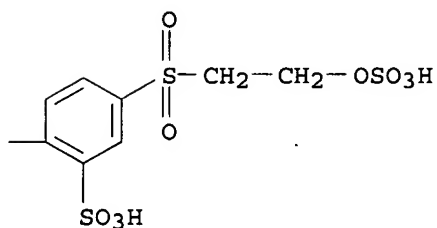
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,5-Naphthalenedisulfonic acid, 3-[[4-[[4-chloro-6-[[5-hydroxy-1,7-disulfo-6-[[2-sulfo-4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]azo]-2-naphthalenyl]amino]-1,3,5-triazin-2-yl]ethylamino]phenyl]azo]- (9CI)
 MF C39 H32 Cl N9 O22 S7

PAGE 1-A



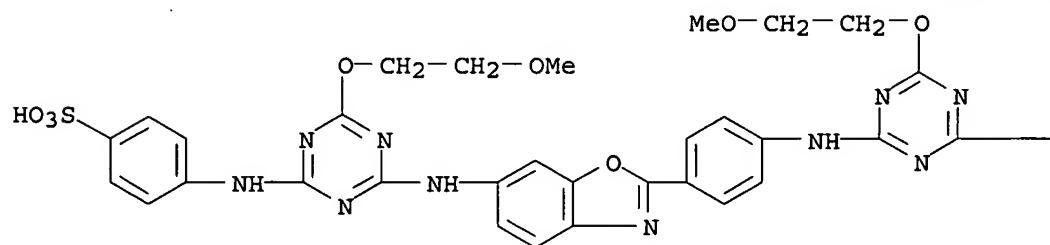
PAGE 1-B



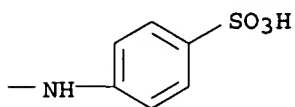
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzenesulfonic acid, 4-[[4-(2-methoxyethoxy)-6-[[4-[6-[[4-(2-methoxyethoxy)-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-benzoxazolyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
 MF C37 H35 N11 O11 S2 . 2 Na

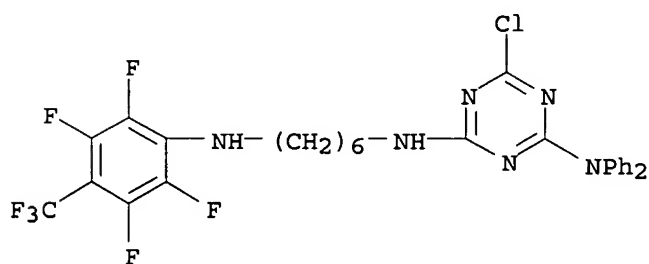
PAGE 1-A



● 2 Na

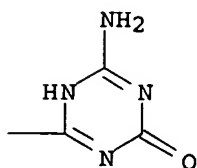
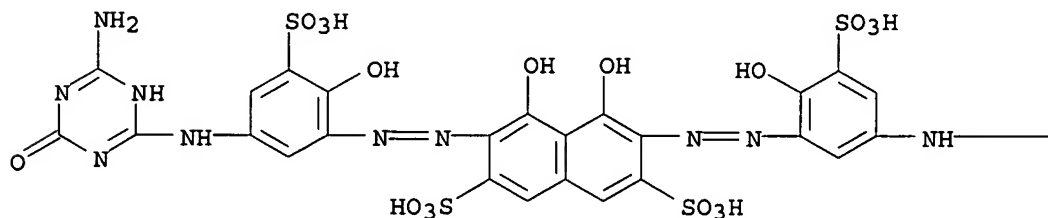


L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, 6-chloro-N,N-diphenyl-N'-[6-[[2,3,5,6-tetrafluoro-4-(trifluoromethyl)phenyl]amino]hexyl] - (9CI)
 MF C28 H24 Cl F7 N6



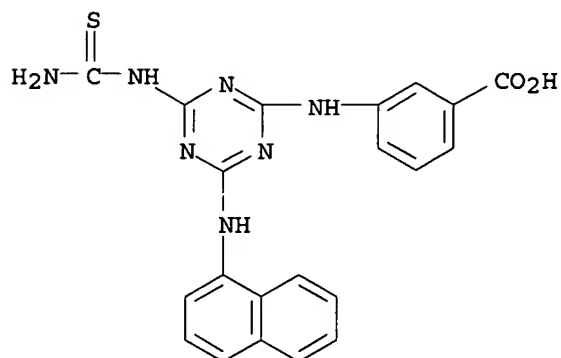
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,7-Naphthalenedisulfonic acid, 3,6-bis[[5-[(6-amino-1,4-dihydro-4-oxo-1,3,5-triazin-2-yl)amino]-2-hydroxy-3-sulfonylphenyl]azo]-4,5-dihydroxy- (9CI)
 MF C28 H22 N14 O18 S4



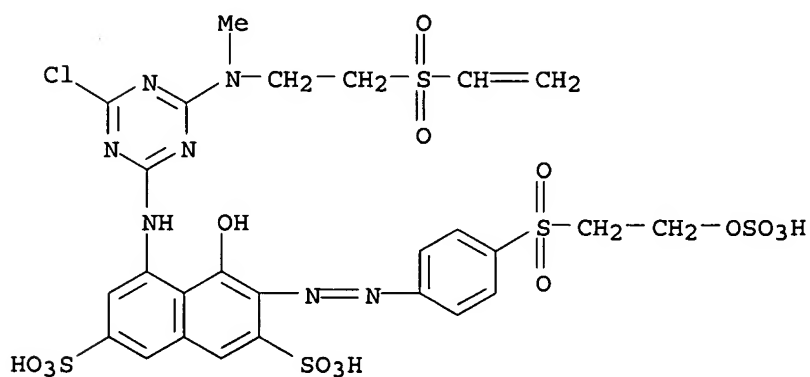
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L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzoic acid, 3-[[4-[(aminothioxomethyl)amino]-6-(1-naphthalenylamino)-
1,3,5-triazin-2-yl]amino]- (9CI)
MF C21 H17 N7 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 2,7-Naphthalenedisulfonic acid, 5-[[4-chloro-6-[[2-(ethenylsulfonyl)ethyl]methylamino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-
[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, trisodium salt (9CI)
MF C26 H26 Cl N7 O15 S5 . 3 Na



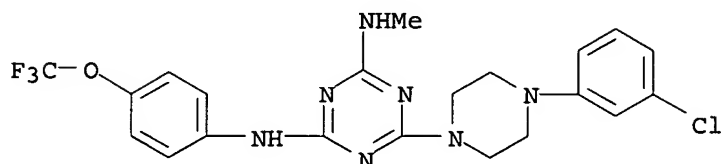
● 3 Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

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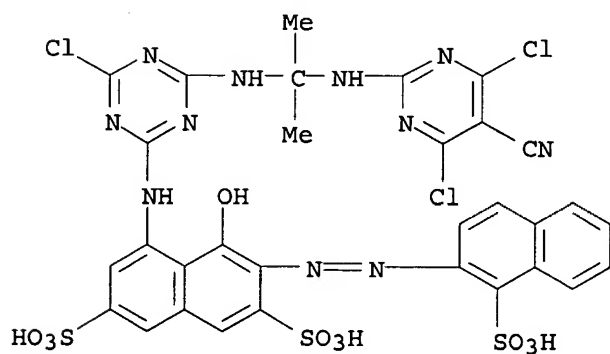
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IN 1,3,5-Triazine-2,4-diamine, 6-[4-(3-chlorophenyl)-1-piperazinyl]-N-methyl-
N'-[4-(trifluoromethoxy)phenyl]- (9CI)
MF C21 H21 Cl F3 N7 O



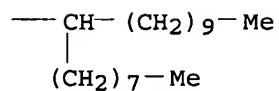
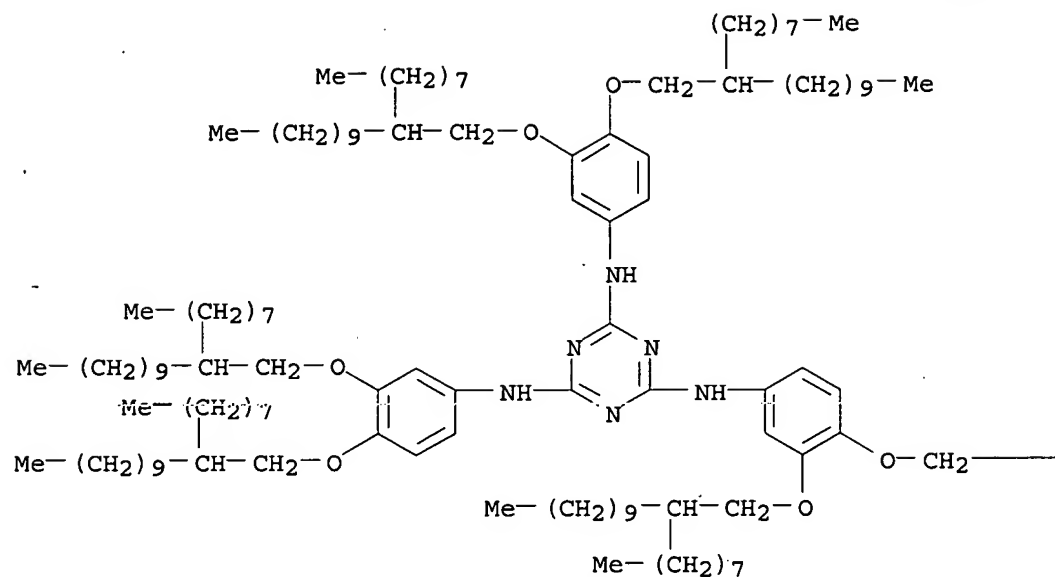
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 2,7-Naphthalenedisulfonic acid, 5-[[4-chloro-6-[[1-[(4,6-dichloro-5-cyano-2-pyrimidinyl)amino]-1-methylethyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(1-sulfo-2-naphthalenyl)azo]-, trisodium salt (9CI)
MF C31 H22 Cl3 N11 O10 S3 . 3 Na



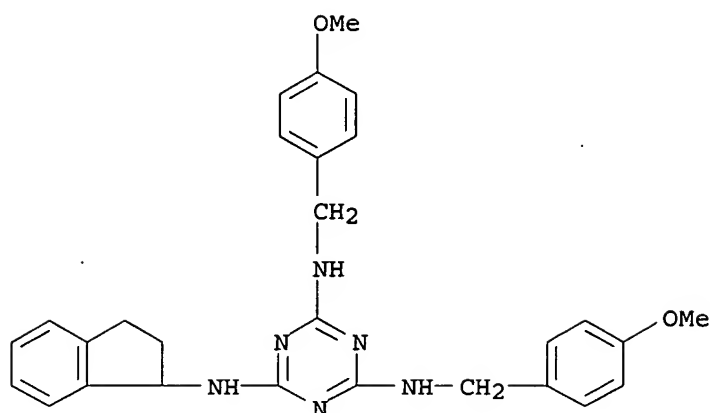
● 3 Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,3,5-Triazine-2,4,6-triamine, N,N',N''-tris[3,4-bis[(2-octyldodecyl)oxy]phenyl]- (9CI)
MF C141 H258 N6 O6



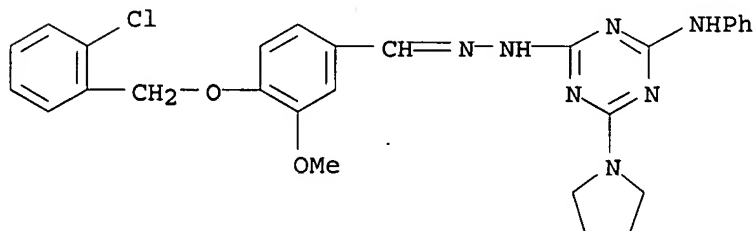
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4,6-triamine, N-(2,3-dihydro-1H-inden-1-yl)-N',N''-bis[(4-methoxyphenyl)methyl] - (9CI)
 MF C28 H30 N6 O2

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

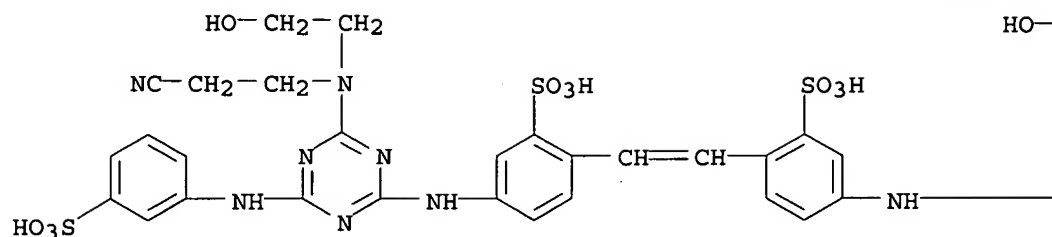
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzaldehyde, 4-[(2-chlorophenyl)methoxy]-3-methoxy-, [4-(phenylamino)-6-(1-pyrrolidinyl)-1,3,5-triazin-2-yl]hydrazone (9CI)
MF C28 H28 Cl N7 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

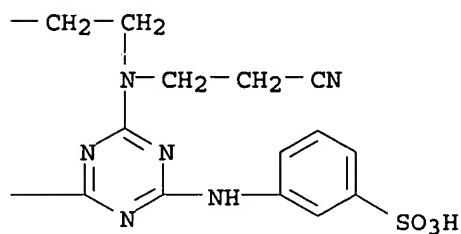
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-cyanoethyl) (2-hydroxyethyl)amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
MF C42 H42 N14 O14 S4
CI COM

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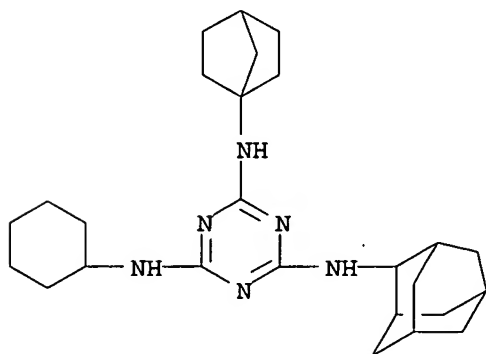
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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

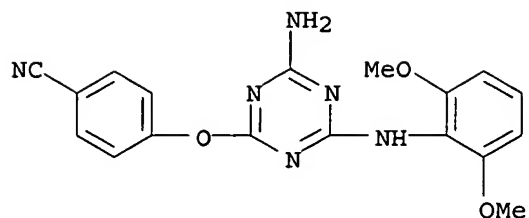
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4,6-triamine, N-bicyclo[2.2.1]hept-1-yl-N'-cyclohexyl-N''-tricyclo[3.3.1.1^{3,7}]dec-2-yl- (9CI)
 MF C26 H40 N6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzonitrile, 4-[[4-amino-6-[(2,6-dimethoxyphenyl)amino]-1,3,5-triazin-2-yl]oxy]- (9CI)
 MF C18 H16 N6 O3

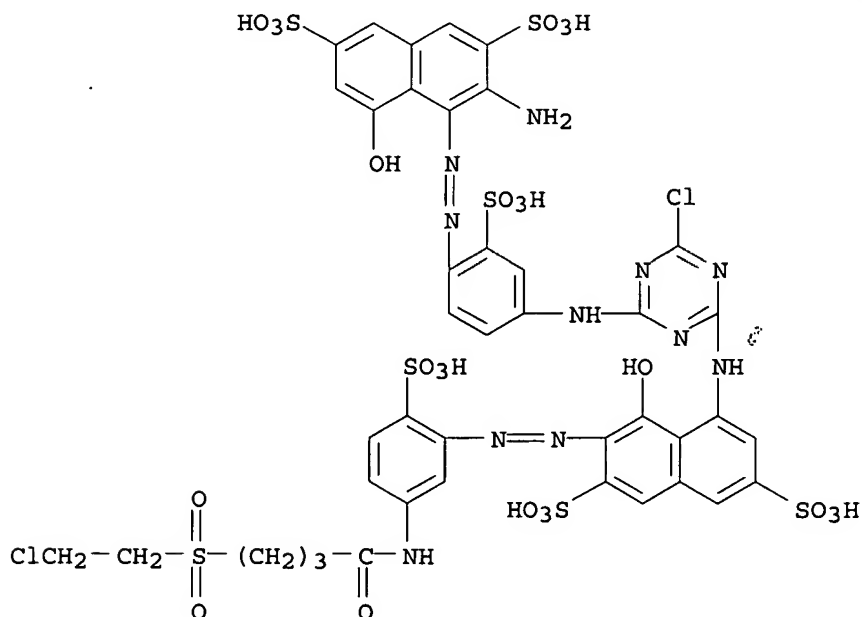
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,7-Naphthalenedisulfonic acid, 3-amino-4-[[4-[[4-chloro-6-[[7-[[5-[[4-[(2-chloroethyl)sulfonyl]-1-oxobutyl]amino]-2-sulfo-phenyl]azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-phenyl]azo]-5-hydroxy-, sodium salt (9CI)
 MF C41 H35 Cl2 N11 O23 S7 . x Na

PAGE 1-A



PAGE 2-A

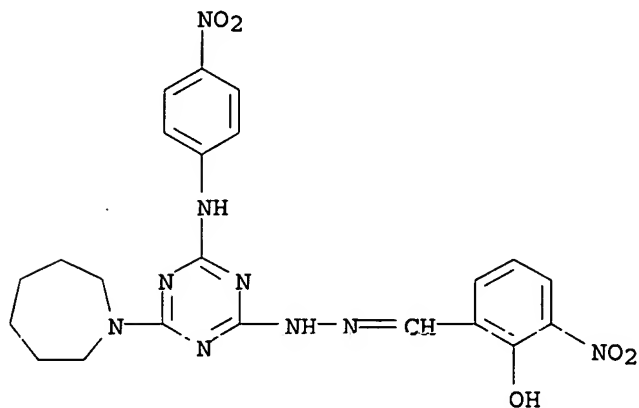
x Na

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

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IN Benzaldehyde, 2-hydroxy-3-nitro-, [4-(hexahydro-1H-azepin-1-yl)-6-[(4-nitrophenyl)amino]-1,3,5-triazin-2-yl]hydrazone (9CI)
MF C22 H23 N9 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.80

1.01

STN INTERNATIONAL LOGOFF AT 18:02:39 ON 14 MAY 2003

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|--------------|----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | Apr 08 | "Ask CAS" for self-help around the clock |
| NEWS | 3 | Jun 03 | New e-mail delivery for search results now available |
| NEWS | 4 | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN |
| NEWS | 5 | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN |
| NEWS | 6 | Aug 26 | Sequence searching in REGISTRY enhanced |
| NEWS | 7 | Sep 03 | JAPIO has been reloaded and enhanced |
| NEWS | 8 | Sep 16 | Experimental properties added to the REGISTRY file |
| NEWS | 9 | Sep 16 | CA Section Thesaurus available in CAPLUS and CA |
| NEWS | 10 | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985 |
| NEWS | 11 | Oct 24 | BEILSTEIN adds new search fields |
| NEWS | 12 | Oct 24 | Nutraceuticals International (NUTRACEUT) now available on STN |
| NEWS | 13 | Nov 18 | DKILIT has been renamed APOLLIT |
| NEWS | 14 | Nov 25 | More calculated properties added to REGISTRY |
| NEWS | 15 | Dec 04 | CSA files on STN |
| NEWS | 16 | Dec 17 | PCTFULL now covers WP/PCT Applications from 1978 to date |
| NEWS | 17 | Dec 17 | TOXCENTER enhanced with additional content |
| NEWS | 18 | Dec 17 | Adis Clinical Trials Insight now available on STN |
| NEWS | 19 | Jan 29 | Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC |
| NEWS | 20 | Feb 13 | CANCERLIT is no longer being updated |
| NEWS | 21 | Feb 24 | METADEx enhancements |
| NEWS | 22 | Feb 24 | PCTGEN now available on STN |
| NEWS | 23 | Feb 24 | TEMA now available on STN |
| NEWS | 24 | Feb 26 | NTIS now allows simultaneous left and right truncation |
| NEWS | 25 | Feb 26 | PCTFULL now contains images |
| NEWS | 26 | Mar 04 | SDI PACKAGE for monthly delivery of multifile SDI results |
| NEWS | 27 | Mar 20 | EVENTLINE will be removed from STN |
| NEWS | 28 | Mar 24 | PATDPAFULL now available on STN |
| NEWS | 29 | Mar 24 | Additional information for trade-named substances without structures available in REGISTRY |
| NEWS | 30 | Apr 11 | Display formats in DGENE enhanced |
| NEWS | 31 | Apr 14 | MEDLINE Reload |
| NEWS | 32 | Apr 17 | Polymer searching in REGISTRY enhanced |
| NEWS | 33 | Apr 21 | Indexing from 1947 to 1956 being added to records in CA/CAPLUS |
| NEWS | 34 | Apr 21 | New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX |
| NEWS | 35 | Apr 28 | RDISCLOSURE now available on STN |
| NEWS | 36 | May 05 | Pharmacokinetic information and systematic chemical names added to PHAR |
| NEWS EXPRESS | | | April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003 |
| NEWS HOURS | | | STN Operating Hours Plus Help Desk Availability |
| NEWS INTER | | | General Internet Information |

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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:01:33 ON 14 MAY 2003

| | | |
|----------------------|------------|---------|
| => file reg | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 18:01:39 ON 14 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 MAY 2003 HIGHEST RN 514787-08-7
DICTIONARY FILE UPDATES: 13 MAY 2003 HIGHEST RN 514787-08-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\10031645.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

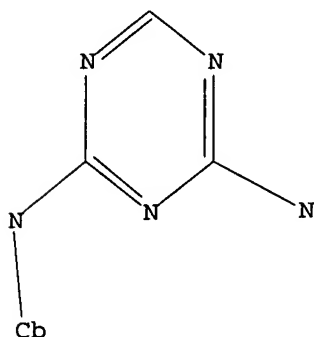
=> d l1

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L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 18:01:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4429 TO ITERATE

22.6% PROCESSED 1000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 84591 TO 92569

PROJECTED ANSWERS: 39924 TO 45466

L3 50 SEA SSS SAM L1

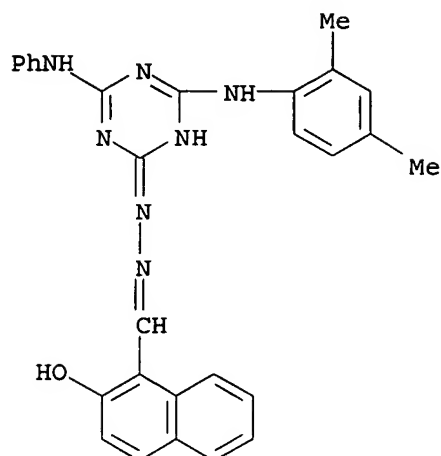
=> d scan

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1-Naphthalenecarboxaldehyde, 2-hydroxy-, [4-[(2,4-dimethylphenyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]hydrazone (9CI)

MF C28 H25 N7 O

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

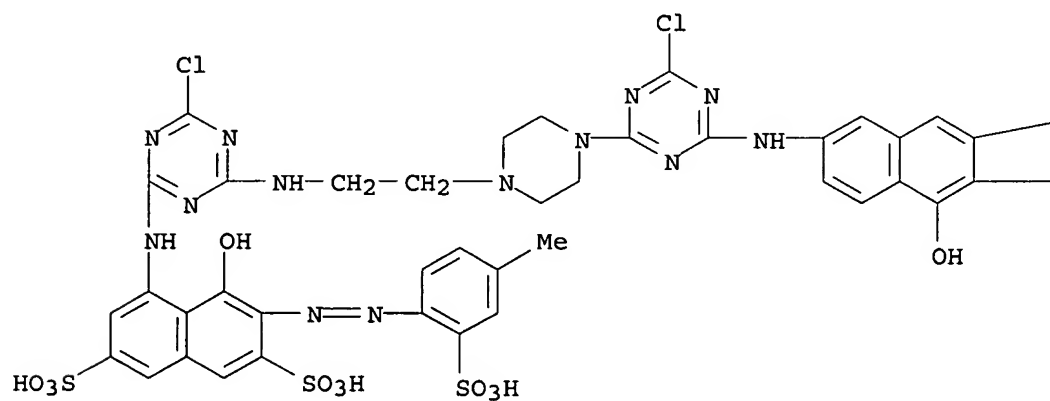
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):49

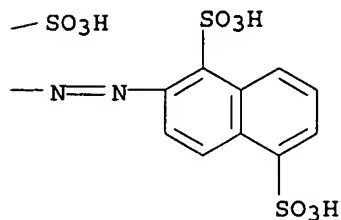
L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,5-Naphthalenedisulfonic acid, 2-[[[6-[[4-chloro-6-[4-[2-[[4-chloro-6-[[8-hydroxy-7-[(4-methyl-2-sulfophenyl)azo]-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]ethyl]-1-piperazinyl]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]- (9CI)

MF C49 H41 Cl2 N15 O20 S6

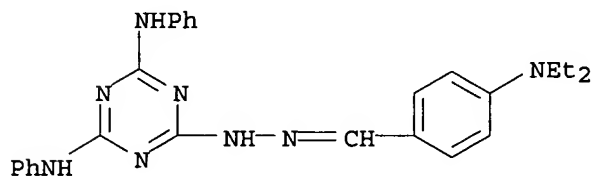
PAGE 1-A





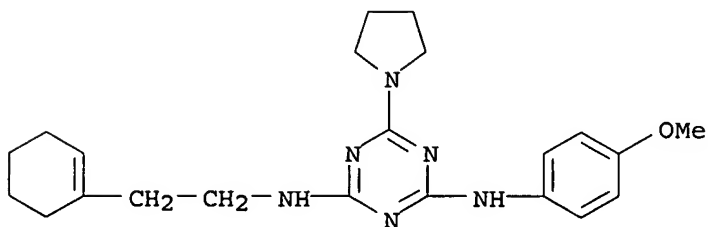
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzaldehyde, 4-(diethylamino)-, [4,6-bis(phenylamino)-1,3,5-triazin-2-yl]hydrazone (9CI)
 MF C26 H28 N8



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N-[2-(1-cyclohexen-1-yl)ethyl]-N'-(4-methoxyphenyl)-6-(1-pyrrolidinyl)- (9CI)
 MF C22 H30 N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 50 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4,6-triamine, N'-cycloheptyl-N'-[(1-ethyl-2-pyrrolidinyl)methyl]-N-methyl-N-[2-(trifluoromethyl)phenyl]- (9CI)